DATA EVALUATION RECORD

NFTD DISPOSABLE FLY TRAP POUCH INGREDIENTS

STUDY TYPE: ACUTE ORAL TOXICITY - RAT (870.1100)
MRID 47406001

Prepared for
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U.S. Environmental Protection Agency
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Disclaimer

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DATA EVALUATION RECORD

EPA Secondary Reviewer:

STUDY TYPE:	Acute Oral Toxicity - Rats (OPPTS 870.1100)
MRID NO:	47406001
DP BARCODE NO:	DP353134
CASE NO:	Not reported
DECISION NO:	392213
TEST MATERIAL:	NFTD Disposable Fly Trap Pouch Ingredients (EPA Reg. No. 84565-E, a.i.)
PROJECT NO:	XOI198G
SPONSOR:	Bull Run Scientific
TESTING FACILITY:	Northwest Pacific Laboratories, Inc., Hercules, CA 94547
TITLE OF REPORT:	NFTD Disposable Fly Trap Pouch Ingredients, Sample Code: S1-352-A (including Report Supplement)
AUTHOR:	Robert A. Noonan
STUDY COMPLETED:	October 24, 2000 (Original report) and April 2, 2008 (Report supplement)
GOOD LABORATORY PRACTICE:	GLP Compliant
CONCLUSION:	The oral LD_{50} for male, female, and combined rats was greater than 5000 mg/kg.
CLASSIFICATION:	ACCEPTABLE -- TOXICITY CATEGORY IV

I. STUDY DESIGN:

1. **Test Material**: NFTD Disposable Fly Trap Pouch Ingredients

2. **Test Animals:** Six male and six female Sprague-Dawley rats were received from Simonsen Laboratories, Gilroy, CA, and weighed 222-236 g (males) and 201-220 g (females) on the day of dosing. The young adult animals, 7-10 weeks old, were housed in groups of the same sex with no more than five in undescribed cages. The animals were fed Laboratory Rodent Diet. Water was available *ad libitum*. The environmental conditions of the animal room were as follows: temperature, 18-26°C; relative humidity, 50±20%; and photoperiod, 12 hour light/dark cycle. The air changes per hour were not reported.

3. **Methods:** Rats were identified by tail mark and cage card: Test group: Nos. 1-5 (males) and 1-5 (females) and Control group: Nos. 1 (male) and 1 (females) and were acclimated for five days and fasted overnight prior to dosing. The test material was dissolved as 15 g in 60 mL deionized water then dosed at a volume of 20 mL/kg. The test material could not be dissolved at a higher concentration than 25% w/v. The test material (5000 mg/kg body weight) was dosed by gavage (Table 1). The control animals were dosed with deionized water. Body weight was recorded prior to dosing, and on days 7 and 14. The test animals were observed for mortality and clinical signs of toxicity four times post-dosing and at least daily for 14 days. All animals were necropsied.

II. RESULTS:

1. **Mortality:** All rats survived the study.

TABLE 1. Doses, mortality/animals treated

Dose (mg/kg)	Males	Females	Combined
Control	0/1	0/1	0/2
5000	0/5	0/5	0/10

Data taken from p. 9, MRID 47406001.

2. **Body Weight:** All rats gained weight during the study.

3. **Clinical Observations:** All rats appeared healthy and no toxic signs were noted throughout the study.

4. **Gross Necropsy:** The spleen of one test male appeared brown and another test male had a 5 mm diameter liver-like structure adhering to the diaphragm and ventral surface of liver. No gross abnormalities were noted from the other animals at necropsy.

III. DISCUSSION:

The oral LD_{50} for male, female, and combined rats was greater than 5000 mg/kg. This places NFTD Disposable Fly Trap Pouch Ingredients in TOXICITY CATEGORY IV. The packet classification is **ACCEPTABLE.**